

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. – 270. (Cancelled)

271. (Currently Amended) An implantable visual prosthesis comprising:
an electrode array body suitable to be placed in an epiretinal location to stimulate visual
percepts;
insulation covering said electrode array body forming voids; and
at least one electrode recessed within each void,
wherein said at least one electrodes within a void ~~have~~ has a common polarity.

272. – 331. (Cancelled)

332. (Previously Presented) The implantable visual prosthesis according to claim 271, wherein said electrodes are exposed in more than one dimension.

333. (Previously Presented) The implantable visual prosthesis according to claim 271, wherein said plurality of electrodes have different lengths.

334. (Previously Presented) The implantable visual prosthesis according to claim 271, wherein said plurality of electrodes are spike shaped.

335. (Previously Presented) The implantable visual prosthesis according to claim 271, wherein said electrode array body includes an integrated circuit.

336. (Previously Presented) The implantable visual prosthesis according to claim 271, wherein

said electrode array body has a generally curved surface on at least one side.

337. (Previously Presented) The implantable visual prosthesis according to claim 271, wherein said plurality of electrodes are metal, at least partially coated in ceramic.

338. – 339. (Cancelled)

340. (Previously Presented) The implantable visual prosthesis according to claim 271, further comprising insulation covering said plurality of electrodes whereby said plurality of electrodes forms capacitors with the retina.

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